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UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

HENRY S. GRAVES, Forester

January Field Program, 1911

This program of field work and assignments in the Forest Service is issued quarterly on the fifteenth day of July, October, January, and April, and is for the exclusive use of members of the Service and cooperating bureaus. The names of members whose assignments are not yet fixed and reference to projects for which plans have not been matured are necessarily omitted. All orders and other instructions printed in the Field Program will apply to all districts.

It is requested that the members of the Forest Service cooperate in making this program complete and accurate.

Unless the address of a member is given in this program or is definitely known, he should be addressed in care of the Forest Service, Washington, D. C.

OFFICE OF THE FORESTER

HENRY S. GRAVES, Forester.

ALBERT F. POTTER, Associate Forester.

HERBERT A. SMITH, Editor; GEORGE B. SUDWORTH, Dendrologist; EUGENE S. BRUCE, Expert Lumberman; D. D. BRONSON, General Inspector.

ACCOUNTS

Division of Accounts and Disbursements (Forest Service Branch).

M. E. FAGAN, Chief of Office of Accounts; E. A. MELZAR, Assistant Chief.

OPERATION

JAMES B. ADAMS, Assistant Forester, in charge; CLYDE LEAVITT, Assistant Forester; GEORGE G. ANDERSON, Assistant in Office Methods.

GEOGRAPHY—FRED G. PLUMMER, Chief.

ATLAS—G. B. BRUCE.

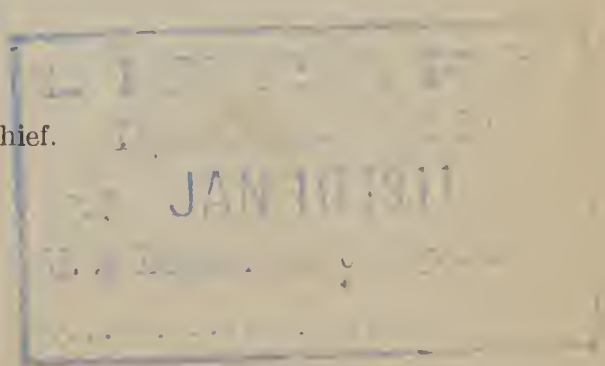
DRAFTING—C. A. KOLB.

PHOTOGRAPHY—A. G. VARELA.

MAINTENANCE—GEORGE A. BENTLEY, Chief.

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SILVICULTURE

WILLIAM T. COX, Assistant Forester, in charge; A. K. CHITTENDEN, Acting Assistant Forester.

STATE AND PRIVATE COOPERATION—J. G. PETERS, Chief; J. H. FOSTER, Assistant Chief.

CONNECTICUT—Preparation of report on second-growth hardwood stands, in cooperation with the State Forester—E. H. Frothingham.

NORTH CAROLINA—Preparation of report on forest conditions in cooperation with North Carolina Geological and Economic Survey—J. S. Holmes, Chapel Hill.

TENNESSEE—Preparation of report on forest conditions in cooperation with State Geological Survey—R. C. Hall, Washington, D. C.

Study of second-growth hardwoods in eastern Tennessee, in cooperation with State Geological Survey—W. W. Ashe and E. D. Clark, Johnson City.

NORTHEASTERN STATES—Preparation of report on red spruce in second-growth stands—L. S. Murphy, Washington, D. C.

Preparation of report on forest conditions on watersheds of Allegheny and Monongahela Rivers in cooperation with Pittsburg Flood Commission—J. H. Foster, O. D. Ingall, and G. I. Withington, Washington, D. C.

SOUTHERN STATES—Study of Appalachian species, with special reference to yield of second-growth stands—W. W. Ashe, Johnson City, Tenn.

Preparation of report on cottonwood in second-growth stands in the Mississippi Valley—A. W. Williamson, Washington, D. C.

SILVICS—RAPHAEL ZON, Chief; S. T. DANA, Assistant Chief.

Preparation of report on eucalyptus planting experiments in Florida—Raphael Zon.

Preparation of report on the relation of forests to streamflow—Raphael Zon.

Preparation of report on the aspens—E. H. Frothingham.

General—Basket willow study—G. N. Lamb.

Seed testing and storage experiments—C. R. Tillotson.

MEASUREMENTS—W. B. BARROWS.

Compilation of growth and yield tables—W. B. Barrows.

LIBRARY—Miss H. E. STOCKBRIDGE.

GRAZING

A. F. POTTER, Associate Forester, in charge; L. F. KNEIPP, Assistant Forester; WILL C. BARNES, Inspector of Grazing.

Forage investigations; compilation of data—F. V. Coville, Botanist, Bureau of Plant Industry, in charge, Washington D. C.; investigation of methods of range control and restoration of overgrazed ranges, James T. Jardine, Inspector of Grazing, Washington, D. C.; Arthur T. Sampson and William A. Dayton, Plant Ecologists, Washington, D. C. (detailed to Bureau of Plant Industry under instructions of F. V. Coville, Botanist).

LANDS

JAMES B. ADAMS, Assistant Forester, in charge; O. C. MERRILL, Chief Engineer; F. H. FOWLER, Engineer.

OCCUPANCY—W. W. DYAR, in charge.

CLAIMS—J. I. PARKER, in charge.

PRODUCTS

WM. L. HALL, Assistant Forester, in charge, Madison, Wis.

FOREST PRODUCTS LABORATORY—(In cooperation with the University of Wisconsin, Madison, Wis.) MCGARVEY CLINE, Director; H. S. BRISTOL, Assistant Director; HOWARD F. WEISS, Assistant Director.

ENGINEERING—ROLF THELEN, in charge.

MAINTENANCE—WM. H. KEMPFER, in charge.

CHEMISTRY—E. BATEMAN, in charge.

The classification of commercial creosotes according to their chemical and physical properties—E. Bateman.

Investigations to determine the quantity and quality of tannin in various kinds of woods and bark—F. W. Kressmann.

The investigation of specifications for gum turpentine—A. W. Schorger.

Experiments to determine the penetrance of caustic soda solution into aspen—F. W. Kressmann.

Standardization of commercial ground-wood pulp samples—E. Bateman.

Study of the oleo-resin of western yellow pine—A. W. Schorger.

PULP AND PAPER—H. E. SURFACE, in charge.

Progress report on the various pulp woods tested previous to the establishment of the Forest Products Laboratory at Madison—H. S. Bristol.

Experiments to determine the suitability of jack pine for the production of chemical pulp—H. E. Surface.

Experiments to determine the suitability of tamarack for the production of chemical pulp—H. E. Surface.

Experiments to determine the suitability of jack pine and eastern hemlock for the manufacture of ground-wood pulp—J. H. Thickens and G. H. McNaughton, Wausau, Wis.

Experimental study of the fundamental variable cooking conditions in the soda process—H. E. Surface.

TIMBER PHYSICS—H. D. TIEMANN, in charge.

Physical determination of the specific gravity and specific heat of wood substance—Frederick Dunlap.

The preparation of microscopic slides of the principal commercial woods in the United States—Miss Eloise Gerry.

Relations of the hygroscopic conditions of wood to temperatures and vapor pressures—H. E. McKenzie.

Tests to determine the strength of wood beams under continuously applied loads—H. E. McKenzie.

The analytical study of the artificial methods of drying wood in an experimental cylinder—H. D. Tiemann.

The effect of different methods of drying on the strength of wood (a report to be compiled from past records)—H. D. Tiemann.

Preparation of microscopic slides for standardization of wood-pulp samples—Simon Kirsch.

TIMBER TESTS—J. A. NEWLIN, in charge.

Standard tests on maple, red oak, white oak, and ash—F. J. Hallauer; assistant, T. Lyons.

Analysis of impact tests—J. A. Newlin; assistant, T. R. C. Wilson.

Effect of water solutions of bicarbonate of soda on the strength of shortleaf and longleaf pines—T. R. C. Wilson.

Tests to determine the effect of mechanical operative features of pressure in wood-preserving plants on the strength of wood—A. L. Heim.

WOOD DISTILLATION—L. F. HAWLEY, in charge.

Refining and grading of wood turpentine—L. F. Hawley.

Methods of turpentine analysis—L. F. Hawley; assistant E. Bateman.

Experiments in distillation of resinous wood—L. F. Hawley; assistant, R. C. Palmer.

WOOD PRESERVATION—F. M. BOND, in charge.

Fungicidal properties of coal-tar creosote fractions—C. H. Teesdale.

The efficiency of various fractions of coal-tar creosote in protecting southern yellow pine from marine borers—C. H. Teesdale.

Service tests on red oak and maple crossties in cooperation with the Chicago, Milwaukee & St. Paul Railway Co. to determine the relative efficiency of standard preservatives and processes—F. M. Bond.

The relative resistance of commercial woods to injection with creosote—H. F. Weiss and C. H. Teesdale.

Standard tests on the chemical, physical, fungicidal, and inflammable properties of various wood preservatives—L. Witt.

Standard tests upon the strength of loblolly pine to determine the effect of injecting various wood preservatives into it—L. Witt.

Experiments on mechanical operative features of pressure wood-preserving plants—C. P. Winslow and E. W. Peters.

PATHOLOGY (in cooperation with the Bureau of Plant Industry)—C. J. HUMPHREY, in charge.

Toxicity of preservatives with pure cultures—C. J. Humphrey.

Rate of decay of wood and the efficiency of various wood preservatives (fungus pit tests)—C. J. Humphrey.

Moisture per cents at various points in posts; also the effect of bevelling the tops of posts—M. C. Jensen.

WOOD UTILIZATION—H. S. SACKETT, in charge, Fisher Building, Chicago, Ill.
[The figures in the studies below indicate the number of the project.]

Study of the wood-using industries of Illinois (4)—R. E. Simmons, Fisher Building, Chicago, Ill.

Collection of wholesale lumber prices—Franklin H. Smith, Fisher Building, Chicago, Ill.

Study of woods which may be used as substitutes for the southern junipers in the manufacture of lead pencils (14)—H. S. Sackett, Fisher Building, Chicago, Ill.

Study of the woods which may be used in the manufacture of bobbins and shuttles (16)—H. S. Sackett, Fisher Building, Chicago, Ill.

Study of the methods of hickory manufacture and utilization (21)—C. F. Hatch, Fisher Building, Chicago, Ill.

Study of the suitability of short lengths of cypress for use in the manufacture of tobacco boxes and butter tubs—R. E. Simmons, Fisher Building, Chicago, Ill.

Study of the suitability of incense cedar for use in the manufacture of cigar boxes—Franklin H. Smith, Fisher Building, Chicago, Ill.

Study of the effect of freight rates on the disposition of low-grade lumber—H. S. Sackett, Fisher Building, Chicago, Ill.

Study of the sawmill waste available annually in Wisconsin for pulp and other purposes (23)—C. F. Hatch, Fisher Building, Chicago, Ill.

Preparation of reports upon the uses of the principal commercial woods—Hu Maxwell, Fisher Building, Chicago, Ill.; W. L. Hall, Madison, Wis.

Study of the substitution of other materials for wood in various industries—Hu Maxwell, Fisher Building, Chicago, Ill.

WASHINGTON OFFICE—O. T. SWAN, in charge; A. H. PIERSON, Assistant.

DISTRICT 1

Montana, northeastern Washington, northern Idaho, northwestern South Dakota, northern Michigan, northern Minnesota, and southwestern North Dakota. Office Hammond Block, Missoula, Mont.

W. B. GREELEY, District Forester; F. A. SILCOX, Associate District Forester.

LAW—Office of the Solicitor (Forest Service Branch). W. C. HENDERSON, Assistant to the Solicitor, in charge (temporary); HAROLD H. CLARKE, Assistant to the Solicitor.

ACCOUNTS—JOHN A. URBANOWICZ, District Fiscal Agent.

OPERATION—J. P. MARTIN, Assistant District Forester; E. W. KRAMER, District Engineer.

MAINTENANCE, R. J. MOORE.

SILVICULTURE—R. Y. STUART, Assistant District Forester; O. M. BUTLER, Assistant District Forester.

TIMBER SALES, Assistant District Foresters in Silviculture.

IDAHO—Projects completed: Reconnaissance fire-killed timber on Coeur d'Alene and Clearwater National Forests.

MONTANA—Reconnaissance, Deerlodge National Forest—J. S. Baird, Lumberman, Anaconda; R. P. Prichard, E. I. Terry, A. A. Saunders, L. C. Stockdale, C. L. Billings, and R. T. Ferguson.

Reconnaissance, Helena National Forest—Frank Thompkins and W. F. Hale, Helena.

Examination of fire trespass, Lewis and Clark National Forest (compilation of data)—F. I. Rockwell, O. A. Benson, Sidney Armitage, Missoula.

Projects completed: Reconnaissance of fire-killed timber, Lolo, Cabinet, Blackfeet, and Flathead National Forests.

PLANTING, Assistant District Foresters in Silviculture.

SILVICS, Assistant District Foresters in Silviculture.

Yield tables, lodgepole stands—C. N. Whitney, Anaconda, Mont.

Yield tables, white-pine stands (compilation of data)—F. I. Rockwell, Missoula, Mont.

COOPERATION, Bureau of Entomology.

Location of insect-infested timber and determination of methods of local control—Josef Brunner, Field Agent, Bureau of Entomology, Columbia Falls, Mont.

GRAZING—C. H. ADAMS, Assistant District Forester.

LANDS—R. H. RUTLEDGE, Assistant District Forester; JOHN D. JONES, Assistant.

PRODUCTS—P. R. HICKS, Engineer in Wood Preservation, on detail to the Forest Products Laboratory, Madison, Wis., from December 6, for two months.

NATIONAL FORESTS

IDAHO

Beaverhead—See Montana.

Clearwater—F. A. FENN, Forest Supervisor, Kooskia (WU-N); Edw. C. Thenon, Deputy Forest Supervisor; W. B. Willey, Forest Assistant.

Coeur d'Alene—W. G. WEIGLE, Forest Supervisor, Wallace (WU-Am); Roscoe Haines, Deputy Forest Supervisor; Charles A. Fisher, Deputy Forest Supervisor; W. W. Morris, Forest Assistant; C. H. Gregory, Lumberman.

Kaniksu—See Washington.

Nezperce—GEO. V. RING, Forest Supervisor, Grangeville (WU-Am); J. Arthur Brown, Deputy Forest Supervisor.

Pend Oreille—J. E. BARTON, Forest Supervisor, Sandpoint (WU-Am, N, W); Edw. G. Stahl, Deputy Forest Supervisor; James R. Gillis, Forest Assistant.

MICHIGAN

Marquette }
Michigan } —R. H. JOHNSON, Acting Forest Supervisor, Au Sable (WU-Am).

MINNESOTA

Minnesota—G. E. MARSHALL, Forest Supervisor, Cass Lake (WU-Am, GN); J. St. J. Benedict, Forest Assistant.

Superior—J. A. FITZWATER, Forest Supervisor, Ely (WU-GN).

MONTANA

Absaroka—V. GIFFORD LANTRY, Forest Supervisor, Livingston (WU-Am, N); John M. Bedford, Forest Assistant.

Beartooth—GLEN A. SMITH, Forest Supervisor, Billings (WU-Am, N); Donald R. Brewster, Forest Assistant.

- Beaverhead**—C. K. WYMAN, Forest Supervisor, Dillon (WU-Am); George E. Martin, Deputy Forest Supervisor; Chas. R. Clark, Forest Assistant.
- Bitterroot**—W. W. WHITE, Forest Supervisor, Missoula (WU-Am, N); M. N. Stickney, Deputy Forest Supervisor; Abbott B. Silva, Forest Assistant.
- Blackfeet**—J. F. PRESTON, Forest Supervisor, Kalispell (WU-Am, GN); R. P. McLaughlin, Deputy Forest Supervisor; J. A. Larsen, Forest Assistant.
- Cabinet**—RALPH H. BUSINELL, Forest Supervisor, Thompson Falls (WU-Am, N); Claude W. Griffin, Deputy Forest Supervisor.
- Custer**—ELMER R. BRUNKE, Forest Supervisor, Ashland (WU via Crow Agency-Am, N via Forsyth); Edgar F. White, Forest Assistant.
- Deerlodge**—D. T. MASON, Forest Supervisor, Anaconda (P-Am, N); Harry C. Schick, Deputy Forest Supervisor; F. M. Patton, Deputy Forest Supervisor; C. N. Whitney and A. A. Saunders, Forest Assistants.
- Flathead**—PAGE S. BUNKER, Forest Supervisor, Kalispell (WU-Am, GN); John H. Clack, Deputy Forest Supervisor; J. L. Cobbs, Forest Assistant.
- Gallatin**—D. T. CONKLING, Forest Supervisor, Bozeman (WU-Am, N).
- Helena**—J. B. SEELY, Forest Supervisor, Helena (WU-Am, N); J. D. Warner, Deputy Forest Supervisor; Donald Bruce and Warren F. Hale, Forest Assistants.
- Jefferson**—WALLACE S. PERRINE, Forest Supervisor, Great Falls (WU-Am, N); Wellman Holbrook, Deputy Forest Supervisor; Henry H. Farquhar, Forest Assistant.
- Kootenai**—DORR SKEELS, Forest Supervisor, Libby (WU-Am, GN); Rutledge Parker, Deputy Forest Supervisor; Webster H. Ransom and William C. Latane, Forest Assistants.
- Lewis and Clark**—SCOTT LEAVITT, Forest Supervisor, Chouteau (WU via Collins-Am, GN via Collins).
- Lolo**—ELERS KOCH, Forest Supervisor, Missoula (WU, P-Am, N); Thos. C. Spaulding, Deputy Forest Supervisor; E. C. Clifford, Forest Assistant.
- Madison**—CLIFTON W. HUDSON, Forest Supervisor, Sheridan (WU-Am, N); W. B. Piper, Deputy Forest Supervisor; Joseph W. Butler, Forest Assistant.
- Missoula**—D. G. KINNEY, Forest Supervisor, Missoula (WU, P-Am, N); Karl W. Woodward, Deputy Forest Supervisor; Richard C. Eggleston, Forest Assistant.
- Sioux**—See South Dakota.

NORTH DAKOTA

- Dakota**—C. A. BALLINGER, Forest Supervisor, Camp Crook, S. Dak. (WU via Bellefourche-Am via Bellefourche); H. E. Fegley, Forest Assistant.

SOUTH DAKOTA

- Sioux**—C. A. BALLINGER, Forest Supervisor, Camp Crook (WU via Bellefourche-Am via Bellefourche); H. E. Fegley, Forest Assistant.

WASHINGTON

- Kaniksu**—W. N. MILLAR, Forest Supervisor, Newport (WU-Am, GN); N. C. Brown, Deputy Forest Supervisor.

DISTRICT 2

Colorado, Wyoming, South Dakota, Nebraska, and western Kansas. Office, Majestic Building, Denver, Colo.

SMITH RILEY, District Forester; T. W. NORCROSS, District Engineer.

LAW—Office of the Solicitor (Forest Service Branch). GEO. E. TROWBRIDGE, Assistant to the Solicitor, in charge; J. F. LAWSON, Assistant to the Solicitor.

ACCOUNTS—H. I. LOVING, District Fiscal Agent.

OPERATION—FRED W. MORRELL, Assistant District Forester.

MAINTENANCE, F. B. AGEE.

SILVICULTURE—S. L. MOORE, Assistant District Forester.

TIMBER SALES, Assistant District Forester in Silviculture.

PLANTING, JOHN BENTLEY, Jr.

SILVICS, C. G. BATES.

COLORADO—Correlation and report on data obtained in 1910 silvical experiments—C. G. Bates, Denver.

Fremont Experiment Station. Preparation of report on 1910 planting, and other silvical experiments—W. D. Hayes and T. E. Miller, Manitou.

Wagon Wheel Gap Experiment Station. Streamflow, snowfall, and meteorological observations—R. D. Garver, in cooperation with B. C. Kadel, of the Weather Bureau, Wagon Wheel Gap.

GRAZING—J. W. NELSON, Assistant District Forester.

LANDS—C. J. STAHL, Assistant District Forester.

PRODUCTS—H. S. BETTS, Assistant District Forester.

TIMBER TESTS—Timber-testing laboratory in cooperation with the University of Colorado, Boulder, Colo.—N. de W. Betts, in charge.

Tests on small pieces cut from red cedar, lodgepole pine, and Engelmann spruce telephone poles.

Adaptation of working plan on standard tests to the commercial species found in District 2.

WOOD PRESERVATION—Study of wood-preservation methods for permanent improvement work on National Forests in District 2—H. M. Mason, jr., Denver, Colo.

Inspection of metal mines in Telluride district, southern Colorado, to determine feasibility of treating mine timbers—H. M. Mason, jr., and H. S. Betts.

Preparation of preliminary report on cooperative open-tank treating plant at Agricultural College, Fort Collins, Colo.—H. M. Mason, jr.

Study of the use of native timbers for crossties by railroads operating in Colorado—N. de W. Betts.

WOOD UTILIZATION—Study of wood-using industries in Districts 2, 3, and 4—H. S. Betts.

Preparation of working plan for turpentine experiments—H. S. Betts.

Preparation of preliminary report on utilization of dead timber—N. de W. Betts and H. S. Betts.

NATIONAL FORESTS

COLORADO

- Arapaho**—ARTHUR M. COOK, Forest Supervisor, Fraser (WU-Ad); Arthur T. Upson, Forest Assistant.
- Battlement**—JOHN W. LOWELL, Jr., Acting Forest Supervisor, Collbran (WU-WF, G).
- Cochetopa**—EUGENE WILLIAMS, Forest Supervisor, Saguache (WU-G); Charles P. Bliss, Forest Assistant.
- Colorado**—H. N. WHEELER, Forest Supervisor, Fort Collins (WU-WF); H. B. Holroyd, Deputy Forest Supervisor; Harold C. Clark, Forest Assistant.
- Gunnison**—WM. R. KREUTZER, Forest Supervisor, Gunnison (WU-WF, G); E. C. Berky, Deputy Forest Supervisor.
- Hayden**—See Wyoming.
- Holy Cross**—HARRY H. FRENCH, Forest Supervisor, Glenwood Springs (WU-WF, G); Albert H. Miller, Deputy Forest Supervisor; Stephen V. Klem, Forest Assistant.
- La Sal**—See Utah, District 4.
- Leadville**—THEODORE SHOEMAKER, Forest Supervisor, Leadville (WU, P-WF, G); R. E. Clark, Deputy Forest Supervisor; J. E. Martin, Forest Assistant.
- Montezuma**—RESS PHILLIPS, Forest Supervisor, Mancos (WU-G); R. W. Allen, Deputy Forest Supervisor; Frank B. Notestein, Forest Assistant.
- Pike**—C. W. FITZGERALD, Forest Supervisor, Denver (WU, P-Ad, Am, G. US, WF); C. M. Granger, Deputy Forest Supervisor; W. I. Hutchinson and W. H. Mast, Forest Assistants; Monument Nursery—W. Schrader, Forest Planting Assistant, Monument.
- Rio Grande**—W. J. MORRILL, Forest Supervisor, Monte Vista (WU-G); Walter F. Bowers, Deputy Forest Supervisor; Jay Higgins, Forest Assistant.
- Routt**—J. H. RATLIFF, Forest Supervisor, Steamboat Springs (WU-Ad); P. J. Paxton, Forest Assistant.
- San Isabel**—J. N. LANGWORTHY, Forest Supervisor, Westcliffe (WU-G); M. B. Willey, Deputy Forest Supervisor; Seaward D. Smith, Forest Assistant.
- San Juan, East**—A. L. SWEITZER, Forest Supervisor, Pagosa Springs (WU-G).
- San Juan, West**—Ernest W. SHAW, Forest Supervisor, Durango (WU-G); John C. De Camp, Forest Assistant.
- Sopris**—JOHN McLAREN, Forest Supervisor, Aspen (WU-WF, G); Joseph H. Potts, Forest Assistant.
- Uncompahgre**—HOWARD S. BUSHNELL, Forest Supervisor, Delta (WU-G); L. E. Cooper, Deputy Forest Supervisor; J. H. Ramskill, Forest Assistant.
- White River**—JAMES A. BLAIR, Forest Supervisor, Meeker (WU-WF, G); G. P. Bard and Crosby A. Hoar, Forest Assistants.

KANSAS

- Kansas**—B. R. H. D'ALLEMAND, Forest Supervisor, Garden City (WU, P-WF); Garden City Nursery.

NEBRASKA

Nebraska—R. G. PIERCE, Acting Forest Supervisor, Halsey (WU-Ad); Halsey Nursery—C. R. Bechtle, Forest Planting Assistant.

SOUTH DAKOTA

Black Hills, North—PAUL D. KELLETER, Forest Supervisor, Deadwood (WU-Ad, Am); John Murdoch, jr., Forest Assistant.

Black Hills, South—R. P. IMES, Forest Supervisor, Custer (WU-Ad); G. A. Duthie, Forest Assistant.

WYOMING

Bighorn—E. N. KAVANAGH, Forest Supervisor, Sheridan (WU-Ad); Andrew G. Stockwell, Deputy Forest Supervisor; Earl S. Pierce, Forest Assistant.

Bonneville, Green River—H. C. HALL, Forest Supervisor, Pinedale (WU-Am).

Bonneville, Sweetwater—C. G. POOLE, Forest Supervisor, Lander (WU-Am).

Bonneville, Wind River—H. EARL FRENCH, Forest Supervisor, Dubois (WU-Am).

Hayden—JAMES BLACKHALL, Forest Supervisor, Encampment (WU, P-Am); Roy S. Wheeler, Forest Assistant.

Medicine Bow—P. S. LOVEJOY, Forest Supervisor, Laramie (WU, P-Am); R. A. Stretch, Forest Assistant.

Shoshone—H. W. THURSTON, Forest Supervisor, Cody (WU-Ad).

Sundance—LOUIS KNOWLES, Forest Supervisor, Sundance (WU-Ad, Am).

DISTRICT 3

Arizona, Arkansas, Florida, New Mexico, and Oklahoma. Office, Strickler-Luna Building, Albuquerque, N. Mex.

A. C. RINGLAND, District Forester; E. H. CLAPP, Associate District Forester.

LAW—Office of the Solicitor (Forest Service Branch). BLAKE FRANKLIN, Assistant to the Solicitor, in charge; R. F. FEAGANS, Assistant to the Solicitor.

ACCOUNTS—J. J. DUFFY, District Fiscal Agent.

OPERATION—A. O. WAHA, Assistant District Forester; A. S. PECK, Assistant District Forester.

MAINTENANCE, W. B. BUNTON.

SILVICULTURE—T. S. WOOLSEY, Jr., Assistant District Forester; A. B. RECKNAGEL, Assistant District Forester.

ARKANSAS—Reconniassance of the Arkansas and Ozark National Forests—J. H. Allison, in charge; T. B. Longwell, Field Chief; assistants, W. W. Bennett, L. L. Bishop, Harry Franklin, Clarence Goddard, D. D. Harkness, S. B. Hinkle, R. E. Hopson, Herman Krauch, R. T. Ross, Robt. L. Stephenson, I. C. Waterbury, T. F. Wells, Dave Winbray; H. E. Greenleaf, draftsman for Arkansas National Forest; E. C. Hamilton, draftsman for Ozark National Forest.

SILVICS, COCONINO FOREST EXPERIMENT STATION—G. A. PEARSON, Albuquerque, N. Mex., in charge; assistants, Max H. Foerster, Flagstaff, Ariz., and H. H. Greenamyre, Albuquerque, N. Mex.

Sample plots on cut-over areas, Arkansas and Ozark National Forests—H. D. Burall, in charge; assistants, Robt. S. Wallace and Norman W. Scherer.

GRAZING—J. K. CAMPBELL, Assistant District Forester; JOHN KERR, Assistant District Forester.

LANDS—FRANK C. W. POOLER, Assistant District Forester.

NATIONAL FORESTS

ARIZONA

Apache—JOHN D. GUTHRIE, Forest Supervisor, Springerville (WU, P-WF); Frederick Winn, Deputy Forest Supervisor; Aldo Leopold, Forest Assistant.

Chiricahua—A. H. ZACHAU, Forest Supervisor, Portal (WU, P-WF); Ira T. Yarnall, Forest Assistant.

Coconino—WILLARD M. DRAKE, Acting Forest Supervisor, Flagstaff (WU, P-WF); J. C. KIRCHER, Forest Assistant.

Coronado—ROBERT J. SELKIRK, Forest Supervisor, Tucson (WU, P-WF); Robert L. Rogers, Deputy Forest Supervisor.

Crook—T. T. SWIFT, Forest Supervisor, Safford (WU-WF).

Garces—ROBERT J. SELKIRK, Forest Supervisor, Tucson (WU, P-WF); Robert L. Rogers, Deputy Forest Supervisor.

Prescott—C. H. HINDERER, Forest Supervisor, Prescott (WU-WF); J. C. McNelly, Deputy Forest Supervisor.

Sitgreaves—A. J. MACKAY, Forest Supervisor, Snowflake (WU, P-WF); Chas. H. Jennings, Deputy Forest Supervisor; William J. Duppert, Forest Assistant.

Tonto—R. G. WILLSON, Forest Supervisor, Roosevelt (WU-WF).

Tusayan—STANTON G. SMITH, Forest Supervisor, Williams (WU, P-WF); E. H. Crabb, Deputy Forest Supervisor; Gordon T. Backus, Forest Assistant.

Zuni—See New Mexico.

ARKANSAS

Arkansas—D. W. ADAMS, Forest Supervisor, Hot Springs (WU, P-WF, P); S. A. Chappell, Deputy Forest Supervisor; C. J. Heller and H. L. Johnson, Forest Assistants.

Ozark—FRANCIS KIEFER, Forest Supervisor, Harrison (WU-WF); Ralph C. Huey, Deputy Forest Supervisor; L. L. Janes and Geo. C. Morbeck, Forest Assistants.

FLORIDA

Choctawhatchee } —I. F. ELDREDGE, Forest Supervisor, Pensacola; W. F. Hill, Deputy
Ocala } Forest Supervisor; P. D. Edmunds, Forest Agent.

NEW MEXICO

Alamo—C. C. Hall, Forest Supervisor, Alamogordo (WU, P-WF); R. F. Balthis, Deputy Forest Supervisor; Raymond E. Marsh, Forest Assistant.

Carson—ROSS McMILLAN, Forest Supervisor, Antonito, Colo. (WU-G); Harry C. Hall, Deputy Forest Supervisor.

Chiricahua—See Arizona.

- Datil**—W. H. GODDARD, Forest Supervisor, Magdalena (WU, P-WF); Robert L. Deering, Forest Assistant.
- Gila**—DON P. JOHNSTON, Acting Forest Supervisor, Silver City (WU-WF); Barrington Moore, Forest Assistant; Chas. A. Kissam, Forest Agent; Fort Bayard Nursery—H. C. Turner, Forest Planting Assistant.
- Jemez**—FRANK E. ANDREWS, Forest Supervisor, Santa Fe (WU, P-WF); B. M. Thomas and A. D. Read, Deputy Forest Supervisors; Charles D. Faunce, Forest Assistant.
- Lincoln**—J. A. KINNEY, Forest Supervisor, Capitan (WU, P-WF).
- Manzano**—W. R. MATTOON, Forest Supervisor, Albuquerque (WU, P-WF); James F. Mullen, Deputy Forest Supervisor.
- Pecos**—THOS. R. STEWART, Forest Supervisor, Pecos (WU, P-WF); Hugh G. Calkins, Deputy Forest Supervisor; Las Gallinas Nursery—H. D. Burrall, Forest Planting Assistant.
- Zuni**—W. R. MATTOON, Forest Supervisor, Albuquerque (WU, P-WF); James F. Mullen, Deputy Forest Supervisor.

OKLAHOMA

- Wichita**—FRANK RUSH, Game Warden, in charge, Cache (WU-WF).

DISTRICT 4

Utah, southern Idaho, western Wyoming, eastern and central Nevada, and northwestern Arizona. Forest Service Building, Ogden, Utah.

E. A. SHERMAN, District Forester; FRANKLIN W. REED, Associate District Forester.

LAW—Office of the Solicitor (Forest Service Branch). A. W. JENSEN, Assistant to the Solicitor, in charge.

ACCOUNTS—Q. R. CRAFT, District Fiscal Agent.

OPERATION—A. C. MCCAIN, Assistant District Forester.

MAINTENANCE, FELIX T. MOORE.

SILVICULTURE—L. L. WHITE, Assistant District Forester.

TIMBER SALES, Assistant District Forester in Silviculture.

ARIZONA—Compiling data and preparation of map, Kaibab reconnaissance—D. M. Lang, Nils Eckbo, and S. S. Stewart, Ogden, Utah.

IDAHO—Compiling data, reconnaissance Salmon National Forest—Lincoln Crowell, in charge; assistants, Wm. W. Twaddell, jr., Wm. Sparhawk, and Samuel B. Locke.

Compiling data, reconnaissance of Targhee National Forest—C. E. Dunston; assistants, Herman Work, Douglas Hood, H. B. Moris, and L. H. Kooyumjian.

PLANTING, J. M. FETHEROLF.

UTAH—Field planting, Wasatch National Forest—Robert Rosenbluth and Dana Parkinson.

SILVICS, E. R. HODSON.

Compilation of growth and volume data on aspen—F. T. McLean, Ogden, Utah.

GRAZING—HOMER E. FENN, Assistant District Forester; G. G. BENTZ, Assistant District Forester.

LANDS—T. C. HOYT, Assistant District Forester.

SUPPLY DEPOT—A. M. SMITH, Property Clerk.

PROPERTY AUDIT—J. G. FALCK, Property Auditor.

NATIONAL FORESTS

ARIZONA

Dixie—See Utah.

Kaibab—JAMES L. PELTON, Forest Supervisor, Kanab, Utah (WU-WF); Sidney S. Stewart, Forest Assistant.

IDAHO

Boise—E. GRANDJEAN, Forest Supervisor, Boise (WU-Am); M. S. Benedict, Deputy Forest Supervisor.

Cache—See Utah.

Caribou—N. E. SNELL, Forest Supervisor, Idaho Falls (WU-Am); James H. Johnson, Grazing Assistant.

Challis—DAVID LAING, Forest Supervisor, Challis (WU-Am).

Idaho—J. E. ROTHERY, Forest Supervisor, McCall (WU-P).

Lemhi—C. I. HUDDLE, Forest Supervisor, Mackay (WU-Am).

Minidoka—WM. MCCOY, Forest Supervisor, Oakley (WU-Am).

Palisade—DAN S. PACK, Forest Supervisor, St. Anthony (WU-Am); James B. Saxton, Forest Assistant.

Payette—GUY B. MAINS, Forest Supervisor, Emmett (WU-Am); Frank J. Ryder, Deputy Forest Supervisor.

Pocatello—J. F. BRUINS, Forest Supervisor, Pocatello (WU-Am); A. L. Brower, Forest Assistant; Pocatello Nursery—P. T. Wrensted, Forest Ranger.

Salmon—JAMES M. RYAN, Forest Supervisor, Salmon (WU-Am); John A. Pearson, Deputy Forest Supervisor; Irwin W. Cook, Lincoln Crowell, Samuel B. Locke, William N. Sparhawk, and Wm. W. Twaddell, jr., Forest Assistants.

Sawtooth—C. N. WOODS, Forest Supervisor, Hailey (WU-Am); H. G. McPheters, Deputy Forest Supervisor; Lester E. Hitchcock, Forest Assistant.

Targhee—DAVID BARNETT, Forest Supervisor, St. Anthony (WU-Am); Chester B. Morse, Deputy Forest Supervisor; C. E. Dunston, Forest Examiner.

Weiser—J. B. LAFFERTY, Forest Supervisor, Weiser (WU-Am); W. M. Campbell, Deputy Forest Supervisor; A. E. Oman, Forest Assistant.

NEVADA

Humboldt—C. SYDNEY TREMEWAN, Forest Supervisor, Elko (WU-WF); W. W. Blakeslee, Deputy Forest Supervisor; Herman Work, Forest Assistant.

Moapa—THOMAS J. COLLINS, Acting Forest Supervisor, Las Vegas (WU-WF); Levon H. Kooyumjian, Forest Assistant.

Nevada—R. F. MATHIAS, Forest Supervisor, Ely (WU-WF); Rudolph Dieffenbach, Deputy Forest Supervisor; Robert Rosenbluth and Reese W. Taylor, Forest Assistants.

Toiyabe—HERBERT GRAFF, Forest Supervisor, Austin (WU, P-WF).

UTAH

Ashley—W. M. ANDERSON, Forest Supervisor, Vernal (WU-WF).

Cache—CLINTON G. SMITH, Forest Supervisor, Logan (WU-Am); John Riis, Deputy Forest Supervisor.

Dixie—JOHN RAPHAEL, Forest Supervisor, St. George (WU-WF); Nils B. Eckbo, Forest Agent.

Fillmore—W. M. HURST, Forest Supervisor, Beaver (WU-WF); George C. Thompson, Deputy Forest Supervisor.

Fishlake—CARL B. ARENTSON, Forest Supervisor, Salina (WU-WF).

La Sal—HENRY A. BERG, Forest Supervisor, Moab (WU-WF).

Manti—C. L. SMITH, Forest Supervisor, Ephraim (WU-WF); Ernest Winkler, Deputy Forest Supervisor; Parley Christiansen, Grazing Assistant; F. T. McLean, Forest Assistant.

Minidoka—See Idaho.

Nebo—H. F. STUDLEY, Forest Supervisor, Nephi (WU-WF); Dana Parkinson, Forest Assistant.

Pocatello—See Idaho.

Powell—GEO. H. BARNEY, Forest Supervisor, Escalante (WU-WF).

Seyier—O. C. SNOW, Forest Supervisor, Panguitch (WU-WF).

Uinta—W. I. PACK, Forest Supervisor, Provo (WU-WF); J. Carl Allred, Deputy Forest Supervisor; W. Jones Bowen, Grazing Assistant.

Wasatch—E. H. CLARKE, Forest Supervisor, Salt Lake City (WU, P-Am, WF); Wasatch Nursery—N. J. Fetherolf, Forest Planting Assistant.

WYOMING

Ashley—See Utah.

Caribou—See Idaho.

Targhee—See Idaho.

Teton—R. E. MILLER, Forest Supervisor, Jackson (WU-Am).

Wyoming—JAMES E. JEWELL, Forest Supervisor, Afton (WU-Am); L. J. Phelan, Deputy Forest Supervisor; Glidden J. Barstow, Grazing Assistant; John E. Ingram, Forest Assistant.

DISTRICT 5

California and southwestern Nevada. Office, First National Bank Building, San Francisco, Cal.

F. E. OLMSTED, District Forester; COERT DUBOIS, Associate District Forester; WALTER L. HUBER, District Engineer; CLARENCE WILEY, Inspector of Records.

LAW—Office of the Solicitor (Forest Service Branch). H. P. DECIANT, Assistant to the Solicitor, in charge.

ACCOUNTS—F. C. THOMPSON, District Fiscal Agent.

OPERATION—ROY HEADLEY, Assistant District Forester.

MAINTENANCE, M. R. Tillotson.

SILVICULTURE—T. D. WOODBURY, Assistant District Forester.

TIMBER SALES, Assistant District Forester in Silviculture.

Supervision of important timber sales on the Plumas National Forest—Patrick Kennedy, Quincy, Cal.

Reconnaissance on the Plumas National Forest—C. H. Ensign, Lumberman, Quincy, Cal.

Investigations of timber trespass on the Tahoe National Forest—J. C. Elliott, Nevada City, Cal.

SILVICS, Assistant District Forester in Silviculture.

Study of tree diseases in the California National Forests—E. P. Meinecke, Consulting Pathologist, San Francisco, Cal.

Study of insect-infested timber—John M. Miller, Forest Ranger, Northfork, Cal.

Planting on Goat Island in San Francisco Harbor, in cooperation with the Berkeley Chamber of Commerce—Swift Berry, Forest Assistant, San Francisco, Cal.

GRAZING—JOHN H. HATTON, Assistant District Forester; M. B. ELLIOTT, Assistant District Forester.

LANDS—L. A. BARRETT, Assistant District Forester.

PRODUCTS—C. STOWELL SMITH, Assistant District Forester.

WOOD PRESERVATION—Experiments to determine the best methods of seasoning *Eucalyptus globulus* poles, logs, and lumber, in cooperation with the estate of Adolph Sutro, the Pacific Land Investment Company, the Mount Tamalpais Cemetery Association, the Parkside Realty Company, and the Pioneer Wood Company; and *Eucalyptus viminalis* logs, in cooperation with the University of California—C. Stowell Smith, San Francisco, Cal.

Operation of a portable treating plant in Long and Honey Lake Valleys, Lassen County—C. A. Kupfer.

Preservative treatment of telephone poles for permanent improvement, Sierra and California National Forests—C. Stowell Smith.

Experiments to determine the relative resistance to marine wood borers of different species of untreated timber and of Douglas fir treated by various preservatives and coatings—A. K. Armstrong, San Francisco, Cal.

WOOD UTILIZATION—Installation of an experimental dry-kiln at the Santa Monica Experiment Station for eucalyptus and California hardwoods, in cooperation with the State Board of Forestry.

Study of the wood-using industries of the State, in cooperation with the State Board of Forestry.

Study of fence-post, mine-timber, and telephone-pole situation on and adjacent to the Inyo National Forest—Jas. B. Berry, Forest Assistant, Bishop, Cal.

Turpentining experiments on the Sierra National Forest and in cooperation with the Union Lumber Company, Fort Bragg, to determine the yield and cost of operation per unit of area on western yellow, Digger, lodgepole, and pricklycone pines.

NATIONAL FORESTS

CALIFORNIA

Angeles—R. H. CHARLTON, Forest Supervisor, Los Angeles (WU, P-WF); Ernest B. Long, Deputy Forest Supervisor; J. M. Grant, Forest Expert, in charge of planting operations; Serope Y. Parnay, Forest Planting Assistant, San Bernardino.

- California**—D. P. GODWIN, Acting Forest Supervisor, Willows (P-WF); A. W. Bartlett, Deputy Forest Supervisor; S. W. Strothman, Forest Assistant.
- Cleveland**—H. A. E. MARSHALL, Forest Supervisor, San Diego (WU, P-WF); Percy L. Day, Deputy Forest Supervisor; F. L. Rickey, Planting Assistant.
- Eldorado**—EVAN W. KELLEY, Acting Forest Supervisor, Placerville (WU-WF).
- Inyo**—A. H. HOGUE, Forest Supervisor, Bishop (WU-WF); Jas. B. Berry, Forest Assistant.
- Kern**—W. J. RUSHING, Acting Forest Supervisor, Bakersfield (WU-WF); Jas. O. Morrow, Deputy Forest Supervisor.
- Klamath**—W. B. RIDER, Forest Supervisor, Yreka (WU-WF); J. R. Hall, Deputy Forest Supervisor; Shirley W. Allen, Forest Assistant.
- Lassen**—L. A. H. KLING, Forest Supervisor, Red Bluff (P-WF); J. C. La Plant, Deputy Forest Supervisor.
- Modoc**—C. E. RACHFORD, Forest Supervisor, Alturas (P-WF); Vernon L. Bonner, Deputy Forest Supervisor; Belknap C. Goldsmith, Forest Assistant.
- Mono**—See Nevada.
- Monterey**—RAYMOND TYLER, Forest Supervisor, Salinas (WU-WF).
- Plumas**—D. N. ROGERS, Forest Supervisor, Quincy (WU-WF); W. G. Durbin, Deputy Forest Supervisor; R. S. Maddox and Geo. R. Orr, Forest Assistants.
- Santa Barbara**—WILLIS M. SLOSSON, Forest Supervisor, Santa Barbara (P-WF); H. G. Merrill, Deputy Forest Supervisor.
- Sequoia**—ALLAN B. PATTERSON, Forest Supervisor, Hot Springs, Tulare County (WU via Portersville-W F); W. C. Burton, Deputy Forest Supervisor; S. W. Wynee, Forest Assistant.
- Shasta**—R. F. HAMMATT, Forest Supervisor, Sisson (P-WF); Philip T. Harris, Deputy Forest Supervisor; John D. Coffman and Stewart B. Shaw, Forest Assistants.
- Sierra**—P. G. REDINGTON, Forest Supervisor, Northfork (WU via Fresno-WF); M. A. Benedict, Deputy Forest Supervisor; Ernest G. Dudley, Forest Assistant.
- Stanislaus**—R. W. AYRES, Forest Supervisor, Sonora (WU-WF); J. V. Wulff and Louis T. Larsen, Forest Assistants.
- Tahoe**—R. L. P. BIGELOW, Forest Supervisor, Nevada City (WU-WF); M. B. Pratt, Deputy Forest Supervisor; J. Alfred Mitchell and Wm. H. Gallaher, Forest Assistants.
- Trinity**—F. H. HAFLEY, Forest Supervisor, Weaverville (WU-WF); W. A. Huestis, Deputy Forest Supervisor; Ernest V. Jotter, Forest Assistant.

NEVADA

- Inyo**—See California.
- Mono**—WM. M. MAULE, Forest Supervisor, Gardnerville (WU-WF); T. C. West, Deputy Forest Supervisor; Rex King, Forest Assistant.
- Tahoe**—See California.

DISTRICT 6

Washington, Oregon, and Alaska. Office, Beck Building, Portland, Oreg.

C. S. CHAPMAN, District Forester; GEO. H. CECIL, Associate District Forester; W. E. HERRING, District Engineer.

LAW—Office of the Solicitor (Forest Service Branch). W. F. STALEY, Assistant to the Solicitor, in charge; D. F. MCGOWAN, Assistant to the Solicitor.

ACCOUNTS—A. H. COUSINS, District Fiscal Agent.

OPERATION—C. H. FLORY, Assistant District Forester.

MAINTENANCE, SHIRLEY BUCK.

SILVICULTURE—F. E. AMES, Assistant District Forester; C. S. JUDD, Assistant District Forester.

Study of forest taxation in Washington—F. B. Kellogg and F. G. Miller, Forest Assistants.

TIMBER SALES, Assistant District Foresters in Silviculture.

OREGON—Examination of proposed sale areas on the Crater National Forest—D. L. McKay, Scaler, Medford.

WASHINGTON—Scaling on the Olympic National Forest—Edwin C. Erickson, Scaler, Olympia.

PLANTING, J. F. KÜMMEL.

SILVICS, T. T. MUNGER.

GRAZING—T. P. MACKENZIE, Assistant District Forester.

LANDS—C. J. BUCK, Assistant District Forester.

PRODUCTS—J. B. KNAPP, Assistant District Forester.

TIMBER TESTS—Testing laboratory in cooperation with the University of Washington, Seattle, Wash.—O. P. M. Goss, in charge; assistants, C. W. Zimmerman and H. P. Wyckoff.

WOOD PRESERVATION—Experimental operation of an open-tank treating plant in cooperation with the University of Washington Forest School—O. P. M. Goss, Seattle, Wash.

WOOD UTILIZATION—Study of the market for and uses of forest products on the Olympic Peninsula in the State of Washington—J. B. Knapp, Portland, Oreg.

Study of the market for and uses of forest products in the Spokane territory—J. B. Knapp, Portland, Oreg., and C. W. Dunning, Spokane, Wash.

Study of the wood-using industries of Oregon and Washington in cooperation with the State conservation associations—H. B. Oakleaf, Portland, Oreg.

Mill-scale study of Douglas fir—H. B. Oakleaf, Portland, Oreg.

NATIONAL FORESTS

ALASKA

Chugach—W. A. LANGILLE, Forest Supervisor, Ketchikan (SC, U. S. A., WU-AP, Am); Thos. M. Hunt, Deputy Forest Supervisor; Lage Wernstedt and Bruce Hoffman, Forest Assistants.

Tongas—W. A. LANGILLE, Forest Supervisor, Ketchikan (SC, U. S. A., WU-AP, Am); Lage Wernstedt, Forest Assistant.

CALIFORNIA

Crater—See Oregon.

Siskiyou—See Oregon.

OREGON

Cascade—C. R. SEITZ, Forest Supervisor, Eugene (WU, P-WF); J. R. Harvey, Deputy Forest Supervisor; E. B. Starr and B. Frank Heintzleman, Forest Assistants.

Crater—M. L. ERICKSON, Forest Supervisor, Medford (WU, P-WF); S. S. Swenning, Deputy Forest Supervisor; H. D. Foster and William E. White, Forest Assistants.

Deschutes—A. S. IRELAND, Forest Supervisor, Prineville (PT & T-Am via Shaniko, WF via Shaniko); B. F. Johnson, Deputy Forest Supervisor; Reginald R. Chaffee, Forest Assistant.

Fremont—GILBERT D. BROWN, Forest Supervisor, Lakeview (WU via Reno, Nev.-WF); Norman G. Jacobson, Forest Assistant; Nelson J. Billings, Grazing Assistant.

Malheur—CY. J. BINGHAM, Forest Supervisor, John Day (WU via Baker City-Am, WF via Baker City); D. B. Reynolds, Deputy Forest Supervisor; Herbert J. Miles, Forest Assistant.

Oregon—T. H. SHERRARD, Forest Supervisor, Portland (WU, P-Am, WF, N); Ralph S. Shelley, Deputy Forest Supervisor; W. B. Osborne, Max Rothkugel, and Robie M. Evans, Forest Assistants.

Siskiyou—R. L. FROMME, Forest Supervisor, Grants Pass (WU, P-WF); N. F. McDuff, Deputy Forest Supervisor; H. Haefner, Forest Assistant.

Siuslaw—A. E. COHOON, Forest Supervisor, Eugene (WU, P-WF); David E. Fitton, Deputy Forest Supervisor; R. E. Dickson, Forest Assistant.

Umatilla—THOS. E. CHIDSEY, Forest Supervisor, Heppner (WU-Am); George A. Bright, Forest Assistant.

Umpqua—S. C. BARTRUM, Forest Supervisor, Roseburg (WU, P-WF); E. H. McDaniels and Wilmot W. G. Hastings, Forest Assistants.

Wallowa—H. W. HARRIS, Forest Supervisor, Wallowa (WU-Am); S. A. Brown, Deputy Forest Supervisor; Charles Black, Grazing Assistant.

Wenaha—See Washington.

Whitman—HENRY IRELAND, Forest Supervisor, Sumpter (WU via Baker City-Am, WF via Baker City); M. L. Merritt, Forest Assistant.

WASHINGTON

Chelan—G. W. MILHAM, Forest Supervisor, Chelan (PT & T-Am, GN via Wenatchee); H. M. Coan, Forest Assistant.

Chelan (Okanogan)—H. M. HALE, Forest Supervisor, Okanogan.

Columbia—H. O. STABLER, Forest Supervisor, Portland, Oreg. (WU, P-Am, WF, N); Homer Ross, Deputy Forest Supervisor; A. R. Wilcox, Forest Assistant.

Colville—C. C. REID, Forest Supervisor, Republic (WU, P-Am, GN); F. W. Cleator, Deputy Forest Supervisor; Edward W. Headsten, Forest Assistant.

- Olympic**—R. E. BENEDICT, Forest Supervisor, Olympia (WU-Am, GN, N); A. A. Parker, Deputy Forest Supervisor; Harold P. Gilky and William H. Gibbons, Forest Assistants.
- Rainier**—G. F. ALLEN, Forest Supervisor, Tacoma (WU, P-Am, N); H. L. Hurd, Deputy Forest Supervisor; E. J. Fenby and Robert G. Merritt, Forest Assistants.
- Snoqualmie**—B. P. KIRKLAND, Forest Supervisor, Seattle (WU, P-N, GN, WF); E. T. Clark, Deputy Forest Supervisor; A. G. Jackson, Forest Assistant.
- Washington**—C. H. PARK, Forest Supervisor, Bellingham (WU, P-Am, GN, N); F. H. Brundage, Deputy Forest Supervisor; Herman M. Johnson, Forest Assistant.
- Wenaha**—J. M. SCHMITZ, Forest Supervisor, Walla Walla (WU-Am, N).
- Wenatchee**—A. H. SYLVESTER, Forest Supervisor, Leavenworth (WU-Am, GN); S. A. Blankenship, Deputy Forest Supervisor; C. P. Willis, Forest Assistant.

SERVICE CHANGES

APPOINTED

SILVICULTURE—State and Private Cooperation: Geo. J. Withington, Field Assistant.

PRODUCTS—Laboratory: Fred W. Kressman, Assistant Chemist; James C. Lawrence, Assistant Chemical Engineer; Robert C. Palmer, Assistant Chemical Engineer; John H. Thickens, Assistant Chemical Engineer; R. E. Stoelting, Assistant Engineer; G. C. McNaughton, Assistant Chemical Engineer.

DISTRICT 1—Lands: Clarence E. Miles, Claims Examiner.

DISTRICT 2—Operation: Henry G. Reinseh, Forest Expert, Pike National Forest.

DISTRICT 6—Products: Carroll W. Dunning, Expert.

RESTORED TO THE ROLLS

DISTRICT 1—Operation: N. C. Brown, Deputy Forest Supervisor, Kaniksu National Forest.

DISTRICT 2—Operation: Walter H. Schrader, Forest Planting Assistant, Pike National Forest.

CHANGE IN DESIGNATION

GRAZING—James T. Jardine, from Deputy Forest Supervisor to Inspector of Grazing.

PRODUCTS—Laboratory: McGarvey Cline, from Assistant Forester to Director.

DISTRICT 1—Operation: W. H. Daus, from Forest Supervisor to Forest Ranger, Lewis and Clark National Forest; Wallace S. Perrine, from Assistant District Forester to Forest Supervisor, Jefferson National Forest; R. H. Johnson, from Assistant Forest Ranger to Acting Forest Supervisor, Marquette and Michigan National Forests.

DISTRICT 6—Products: H. P. Wyekoff, Assistant Engineer in Forest Products.

TRANSFERRED

DISTRICT 1—Operation: J. B. Seeley, Forest Supervisor, from Jefferson National Forest to Helena National Forest; Glen A. Smith, Forest Supervisor, from Custer National Forest to Beartooth National Forest; J. F. Preston, Forest Supervisor, from Beartooth National Forest to Blackfeet National Forest.

DISTRICT 2—District Forester's Office: Paul G. Redington, Associate District Forester to Forest Supervisor, Sierra National Forest, District 5.

DISTRICT 3—Operation: Forest Assistants—Raymond E. Marsh, from Apache National Forest to Alamo National Forest; Henry L. Johnson, from Pecos National Forest to Arkansas National Forest; Ira T. Yarnall, from Pecos National Forest to Chiricahua National Forest; Frederick R. Starr, from Carson National Forest to Coronado National Forest; George C. Morbeck, from Gila National Forest, and Lionel L. Janes, from Arkansas National Forest to Ozark National Forest.

DISTRICT 4—Operation: Herbert Graff, Deputy Forest Supervisor, from Bighorn National Forest (District 2) to Toiyabe National Forest.

DISTRICT 5—Operation: P. G. Redington, Associate District Forester, District 2, to Forest Supervisor, Sierra National Forest.

PROMOTED

DISTRICT 1—Operation: Scott Leavitt, Deputy Forest Supervisor, Beaverhead National Forest, to Forest Supervisor, Lewis and Clark National Forest; Elmer R. Brunke, Deputy Forest Supervisor, Kaniksu National Forest, to Forest Supervisor, Custer National Forest; George E. Martin, from Forest Ranger to Deputy Forest Supervisor, Beaverhead National Forest; J. A. Fitzwater, from Acting Forest Supervisor to Forest Supervisor, Superior National Forest.

DISTRICT 2—Operation: Andrew G. Stoekwell, from Assistant Forest Ranger to Deputy Forest Supervisor, Bighorn National Forest.

DISTRICT 4—Operation: James L. Pelton, from Deputy Forest Supervisor, Toiyabe National Forest, to Forest Supervisor, Kaibab National Forest; Julian E. Rothery, from Deputy Forest Supervisor to Forest Supervisor, Idaho National Forest; Carl B. Arentson, from Deputy Forest Supervisor to Forest Supervisor, Fishlake National Forest; Horace F. Studley, from Deputy Forest Supervisor to Forest Supervisor, Nebo National Forest; Rudolph Dieffenbach, from Forest Assistant to Deputy Forest Supervisor, Nevada National Forest; J. Carl Allred, from Forest Ranger to Deputy Forest Supervisor, Uinta National Forest; John Riis, from Forest Ranger, Targhee National Forest, to Deputy Forest Supervisor, Caehe National Forest; Thomas J. Collins, from Assistant Forest Ranger to Deputy Forest Supervisor, Moapa National Forest.

DISTRICT 5—Operation: William J. Rushing, from Forest Ranger to Forest Supervisor, Kern National Forest; Evan W. Kelly, from Forest Ranger to Forest Supervisor, Eldorado National Forest; Arthur W. Bartlett, from Forest Ranger to Deputy Forest Supervisor, California National Forest; James O. Morrow, from Forest Ranger to Deputy Forest Supervisor, Kern National Forest.

LEAVE WITHOUT PAY

FORESTER—Editor: Treadwell Cleveland, jr., Expert.

DISTRICT 1—Operation: S. M. Higgins, Acting Forest Supervisor, Michigan and Marquette National Forests; James A. Howarth, jr., Forest Assistant, Superior National Forest.

DISTRICT 2—Operation: Edgar G. Polleys, Forest Assistant, Battlement National Forest.

FURLOUGHED

DISTRICT 1—Operation: F. N. Haines, Forest Supervisor, Blackfeet National Forest.

DISTRICT 3—Operation: Arthur M. Neal, Forest Supervisor, Alamo National Forest; Oliver F. Bishop, Forest Assistant.

RESIGNED

PRODUCTS—Laboratory: Leslie Lamm, Laboratory Helper.

DISTRICT 2—Operation: John E. Stephens, Deputy Forest Supervisor, Medicine Bow National Forest; L. Besley, Forest Planting Assistant, Nebraska National Forest. Silviculture: Wilmer C. Bennett, Lumberman, Arapahoe National Forest.

DISTRICT 4—Albert T. Mitchelson, Constructing Engineer.

DISTRICT 6—Operation: Bartle T. Harvey, Forest Assistant, Whitman National Forest. Grazing: Howard K. O'Brien, Assistant District Forester.

APPOINTMENT TERMINATED

FORESTER—Dendrology: Chas. H. Herty, Expert.

GRAZING—Chas. E. Fleming, Plant Ecologist.

SUSPENDED

DISTRICT 1—Operation: Dwight Bushnell, Forest Supervisor, Helena National Forest.

SEPARATED

DISTRICT 4—Operation: Assistant Forest Rangers—Fred H. Betts and Bailey O. Dustin, Idaho National Forest; Leroy Lindsay, Pocatello National Forest.

DISMISSED

DISTRICT 4—Operation: Will H. Tremewan, Assistant Forest Ranger, Nevada National Forest.

DISTRICT 6—Operation: Guy M. Ingram, Forest Supervisor, Fremont National Forest.

With deep regret announcement is made of the death of Amos Hedricks, Forest Planting Assistant, on the Pecos National Forest.

SERVICE NOTES FOR JANUARY

These notes contain instructions and necessary information for Forest officers, and will therefore be carefully read and kept on file for reference.

LAW

As to Authority to Sell Timber from Unsurveyed School Sections—

On December 5, 1910, the United States Circuit Court for the District of Idaho rendered a decision sustaining the demurrer to the defendant's answer in the case of the United States *v.* the Bonners Ferry Lumber Company, Limited, for the recovery of the value of timber cut under a sale from the State of Idaho from an unsurveyed school section within the boundaries of the Pend Oreille National Forest. Two lines of this section had previously been identified by the survey of the adjoining townships. In this decision the court holds that prior to official survey the State has no authority to sell timber from unsurveyed land which upon survey will probably be included in section 16 or 36.

Mining Claim Does Not Permit Operation of Saloon on Location—

On November 16, 1910, in the District Court of the United States for the District of Idaho, the defendants in the cases of United States *v.* Basil and Charles Rizzinelli, United States *v.* Frank Hopkins and William Keller, and United States *v.* Lee Setser and William Lynch, entered pleas of guilty, and the court imposed a fine of \$200 in each case. These prosecutions were brought on a charge of the operation of saloons upon the Coeur d'Alene National Forest in violation of the rules and regulations of the Secretary of Agriculture applicable thereto. In the Rizzinelli case, the defendants had previously demurred to the indictment, and this demurrer was thereupon overruled by the court on August 24, 1910, in an opinion holding that the location of a mining claim on a National Forest gives the right to the possession of such claim for the purposes of mining only, and that the conducting thereon of a business wholly unconnected with the development of the claim, and in violation of the regulations of the Secretary of Agriculture, promulgated for the protection of the Forests, was contrary to law. When the cases were called for trial, the defendants entered pleas of guilty, as above noted.

Grazing Trespass: Indictments Returned—

In October the Grand Jury at Sioux Falls, S. Dak., returned indictments against William McKean and three herders in his employ—Dennis Cremin, Thomas Broderick, and John Matson—for grazing sheep in trespass on the Black Hills (North) National Forest. William McKean was released on bond of \$1,000, the herders' bonds being placed at \$500.

Timber Trespass: Criminal—

On November 29, J. H. Neal was arrested for cutting unmarked merchantable timber on the Leadville National Forest not included in a sale to him and was brought before the United States Commissioner at Denver and bound over to the Grand Jury. He was released on \$100 bail.

Injunction—

On October 29, Judge Lewis, in the Circuit Court of the United States for the District of Colorado, granted a temporary restraining order against the Telluride Power Company, of Telluride, Colo., enjoining the construction of a ditch across the Montezuma National Forest without permit. By agreement of counsel the temporary restraining order remained in effect pending the final decision of the court as to the right of the Government to require such permit. By agreement the case will be submitted to the court on an agreed statement of facts.

Fire Trespass—

The sum of \$6,791.90 has been deposited with the Secretary of the Treasury by the Chicago, Burlington and Quincy Railroad in settlement of a suit begun June 3, 1910, for the recovery of timber and young growth injured and destroyed on the Black Hills National Forest in 1908 by a fire set by the engines of the Railroad Company. This sum includes special damages on account of services of officers and enlisted men in fighting the fire and \$41.90 as costs in the case.

Timber Sale: United States Intervener—

The United States Attorney for the District of South Dakota has been authorized by the Attorney General to appear for and represent James Berryman, a timber-sale purchaser of certain timber on the Black Hills National Forest, in a suit brought against him by James Brodie, a mineral claimant, on whose claim part of the timber sold to Berryman was located. The timber sold to Berryman was fire-killed. Brodie brought suit against Berryman for the value of the manufactured form of the timber taken from his mining claim.

Indicted for Fire Trespass—

At the October term of the District Court of the United States for the District of Oregon the Grand Jury indicted Taylor Bailey and Dol Moore, of Gold Hill, Oreg., for setting fire on the Crater National Forest. They were promptly arrested by the United States Marshal and subsequently released, bail being furnished in the sum of \$750.

OPERATION**Political Activity, and Political Assessments or Contributions—**

In General Order No. 142, dated October 1, 1910, the Secretary of Agriculture called attention to the following rules and regulations of the Civil Service Commission pertaining to partisan political activity or political assessments or contributions by officeholders, and enjoining all employees of the Department to adhere strictly thereto:

1. **POLITICAL ACTIVITY.**—Rule I, section 1, of the Civil Service Rules reads as follows:

No person in the executive civil service shall use his official authority or influence for the purpose of interfering with an election or affecting the result thereof. Persons who by the provisions of these rules are in the competitive classified service, while retaining the right to vote as they please and to express privately their opinions on all political subjects, shall take no active part in political management or in political campaigns.

The first sentence of the rule applies to every person in the executive civil service, irrespective of the method of his appointment. The second sentence of the rule applies to all persons holding positions in the competitive classified service, whether the appointment be permanent or temporary in character, and by departmental action has also generally been made applicable to unclassified laborers.

The following forms of activity have been held to be forbidden by this provision:

Service on political committees; service as delegates to State, county, or district conventions of a political party, although it was understood that the employees were not "to take or use any political activity in going to these conventions or otherwise violate the civil-service rules;" service as officer of a political club, as chairman of a political meeting, or as secretary of an antisaloon league; continued political activity and leadership; activity at the polls on election day; the publication or editing of a newspaper in the interests of a political party; the publication of political articles bearing on qualifications of different candidates; the distribution of political literature; holding office in a club which takes an active part in political campaigns or management; making speeches before political meetings or clubs; activity in local-option campaigns; circulation of petitions having a political object, of petitions proposing amendments to municipal charter, of petitions favoring candidates for municipal offices, and of local-option petitions; candidacy for or holding of elective office; accepting nomination for political office with the intention of resigning from the competitive service if elected; recommendation by clerks and carriers of a person to be postmaster; service as a commissioner of election in a community where it was notorious that a commissioner of election must be an active politician; service as inspector of election, ballot clerk, ballot inspector, judge of election, or member of election board; or generally any form of activity in political management or political campaigns, though not specifically mentioned above.

Inasmuch as the issuance of a certificate for reinstatement is discretionary with the Civil Service Commission, no certificate will be issued in any case where the party applying for reinstatement has previously resigned with a view of running for office, or with a view of indulging in a degree of political activity which would be prohibited if he had remained in the service, and who afterwards, having failed in his candidacy or having indulged in the contemplated activity, seeks reinstatement.

2. POLITICAL ASSESSMENTS OR CONTRIBUTIONS.—The Civil Service Act provides that "no person in the public service is for that reason under any obligations to contribute to any political fund, or to render any political service, and * * * he will not be removed or otherwise prejudiced for refusing to do so." Section 118 of the Criminal Code provides that no Federal officer or employee shall, directly or indirectly, solicit or receive, or be in any manner concerned in soliciting or receiving any political assessment, subscription, or contribution from any other Federal officer or employee. Section 120 of the Criminal Code prohibits the discharge, promotion, or degrading of any officer or employee for giving or failing to make any political contribution. Section 121 of the Criminal Code prohibits any Federal officer or employee from making any such political contribution to another Federal officer or employee, and Section 119 prohibits the solicitation or receipt of any political contribution in any room or building occupied in the discharge of official duties by any officer or employee of the United States, or on other Federal premises, by any person

whatsoever, whether in the public service or not. In connection with this latter provision, the United States Supreme Court has held that a solicitation by letter or circular addressed and delivered by mail or otherwise to an officer or employee of the United States at the office or building in which he is employed in the discharge of his official duties, is a solicitation within the meaning of the law, the solicitation taking place where the letter was received. Section 122 of the Criminal Code provides that whoever shall violate any provision of the four sections above mentioned shall be fined not more than \$5,000, or imprisoned not more than three years, or both.

It is the duty of the Civil Service Commission to see that the Civil Service Act and Rules and the above-mentioned sections of the Criminal Code, which were originally enacted as a part of the Civil Service Act, are strictly enforced, and it will employ every legitimate and available means to secure the prosecution and punishment of persons who may violate them. The Commission requests any person having knowledge of any such violation to lay the facts before it that it may at once take action thereon.

Changes in Boundaries and Areas—

Proclamations and Executive orders have been signed changing National Forest boundaries as follows:

In District 2 the proclamations of December 16 eliminated 12,100 acres from the Holy Cross Forest, Colo., and transferred 680 acres from it to the Sopris. No other change was made in the Sopris. From the Sundance Forest, Wyo., 4,907 acres were eliminated.

In District 3 the proclamation of October 7 eliminated 81,081 acres from and added 132,925 acres to the Prescott Forest, Ariz. The proclamation of October 13 eliminated 360 acres from and added 1,204 acres to the Wichita, Okla. The proclamation of October 20 eliminated (effective January 1, 1911) 245,450 acres from and added 22,333 acres to the Alamo, N. Mex. The proclamation of December 28 eliminated 563,331 acres from and added 40 acres to the Ozark, Ark.

In District 4 the proclamations of October 7 added 2,540 acres to the Ashley and 37,205 acres to the Uinta, Utah, and transferred 16,900 acres from the Ashley to the Uinta and 49,920 acres from the Uinta to the Ashley. The Executive order of November 25 transferred 38,318 acres in Nevada from the Mono to the Toiyabe, and the proclamation of December 10 eliminated 65,755 acres from and added 311,793 acres to the Toiyabe. The proclamation of December 23 eliminated 2,500 acres from and added 93,730 acres to the Sevier, Utah. The proclamation of December 24 eliminated 9,940 acres from the Boise, Idaho.

In District 5, in California, the proclamations of October 12 eliminated 58,732 acres from and added 4,784 acres to the California, and eliminated 3,084 acres from and added 6,870 acres to the Stanislaus. The proclamation of November 3 added 48,718 acres to the Klamath. The proclamation of November 25 eliminated 108,920 acres from the Angeles. The proclamation of December 12 eliminated 21,597 acres from and added 7,690 acres to the Monterey. The proclamations of December 16 eliminated 22,878 acres from and added 2,710 acres to the Cleveland; eliminated 167,608 acres from and added 26,787 acres to the Shasta, and also transferred from the latter Forest 30,227 acres to the Trinity and eliminated 38,574 acres from and added 50,034 acres

to the Trinity. The proclamation of December 23 eliminated 70,967 acres from and added 182,050 acres to the Modoc. The proclamation of December 30 eliminated 6,107 acres from and added 38,709 acres to the Lassen.

In District 6 the Executive order of October 28 eliminated 12,800 acres from the Chugach, Alaska. The proclamation of December 10 eliminated 17,610 acres from the Chelan, Wash.

There were no changes in District 1.

Service Uniform—

The contract with The Fechheimer Brothers Company, of Cincinnati, Ohio, for the Service uniform has been renewed for the calendar year 1911. A supply of the circulars will be sent each District Forester describing each article of the uniform and stating the price covered in the contract. An initial supply of these circulars will be sent each supervisor from the District office, and additional copies may be secured later upon request to the District Forester. Rangers and guards desiring copies of these circulars will secure them upon request to their supervisors.

Employees Killed or Injured in Forest Fires—

In connection with fighting forest fires during the past summer, 79 employees of the Forest Service were killed in District 1, and 124 were injured. In District 6 one Forest Service employee was killed and one injured.

Maximum Sum for Horse Feed—

The regulation concerning the purchase of horse feed, approved by the Secretary of Agriculture June 27, 1910, should be interpreted to mean that \$100 is the maximum amount which may be allowed any Forest officer during any fiscal year for the purpose specified in the regulation.

LANDS

Lands: Water-Power Permits—

On December 28 the Secretary of Agriculture approved the new regulations, forms, and procedure relating to the acquisition of water-power permits within National Forests. These documents are now in the hands of the Public Printer and will be issued in pamphlet form as a separate section of The Use Book, similar in style to the Grazing Section, which has already been issued. Copies will be sent to the District Foresters as soon as possible. A complete set of the new forms will also be available upon requisition to the Property Clerk.

Relative Preference Rights to Listed Lands—

(Circular Letter of November 8, 1910.)

On page 68 of the October Field Program was published an extract of a decision of October 6 by the Commissioner of the General Land Office in a letter to J. S. Todd, Whittier, Cal., holding that applicants under the Act of June 11, 1906, for lands which were subsequently eliminated by proclamation of the President would be given a preference right of entry when the lands were declared open to settlement and entry. The Secretary of the Interior, by letter of November 1 to the Commissioner of the General Land Office, a copy of which was sent each District Forester, reversed the ruling of the Commissioner, and has decided that the Interior Department is not

authorized, in view of the language of the President's proclamation, to award preference rights of entry to those upon whose application certain lands now to be restored were listed for settlement and entry under the Act of June 11, 1906, and where, as a matter of fact, the lands were not actually open to entry under the said Act prior to their elimination from the National Forest. The Secretary's decision infers that only persons who have actually occupied or are occupying the lands will be given preference rights of entry when the restored areas are restored to the public domain and open to settlement and entry.

In response to the telegram of October 27 the District Foresters have submitted a list of the names of applicants, the numbers of the lists, and the land districts in which the lands are situated, so that the Commissioner of the General Land Office might instruct local land officers to give preference rights of entry to the applicants named in the lists. The telegram of November 5 informed the District Foresters of the Secretary's decision and they were instructed to inform applicants who had been told that they would have a preference right that the Secretary had reversed the Commissioner's decision and that, as a matter of fact, they would have no preference right. Field officers should tell not only persons who have been erroneously informed but should also notify all others who might be affected by the Secretary's ruling. There probably are some lands among those restored areas which are now being advertised for entry under the Act of June 11, 1906, where the applicants are not residing upon the tract. It is suggested that the field officers also notify them and any other person who applied for lands there, but who has not as yet made entry.

Instructions Under Claims Cooperation Agreement of Nov. 25, 1910—

(Circular letter of December 29, 1910.)

Under the joint letter of instructions from the Secretary of the Interior and the Secretary of Agriculture, dated November 25, the following procedure will be observed:

REPORTS—Supervisors should submit to the District Forester one original and two copies of all reports, supplemental reports, and affidavits prepared and obtained in claims cases. In no case will a report be forwarded to the Forester except where there is a difference of opinion between the District Forester and the District Assistant to the Solicitor, as provided for in the joint letter. The District Forester will, when he submits the original report to the Chief of Field Division, in accordance with the joint letter of November 25, attach one copy to be used as a file copy by the Chief of Field Division.

REQUESTS FOR REPORTS BY COMMISSIONER OF THE GENERAL LAND OFFICE—When a request for a report on a claim is received from the Commissioner it will be forwarded by the Forester to the District Forester and no record will be kept in the Forester's office. No reply will be made to the Commissioner, either by the Forester or District Forester.

When the Commissioner's request is received by the District Forester, if a report has already been submitted to the Interior Department, he will write the Chief of Field Division, with appropriate reference to the Commissioner's letter of request, stating the date upon which the report was forwarded.

If, at the time the Commissioner's request is received by the District Forester, no report has been transmitted by him, he will ascertain from the Forest Supervisor the date when the report can be expected and will then write the Chief of Field Division with appropriate reference to the Commissioner's request, and inform him of the date on or before which the report will be transmitted. In these cases a promise card will be made by the District Forester and filed under the date noted in the letter to the Chief of Field Division as the final date of transmission of report. If the report is not received by the District Forester by that date, he will ascertain from the supervisor as to when it will be received and will send a second letter to the Chief of Field Division, noting a new date on or before which the report will be transmitted.

If the Commissioner's request for report covers a claim which is outside a National Forest, or is within a proposed elimination, and no report has been made by the supervisor, the District Forester will send a letter in duplicate to the Chief of Field Division, with appropriate reference to the Commissioner's request, stating that the claim is outside the Forest or within a proposed elimination, and that no report will be made by the Forest Service.

In all cases the reports, where submitted subsequent to the receipt of the Commissioner's request, will contain appropriate reference to the Commissioner's letter.

All letters to the Chief of Field Division, with reference to reports requested by the Commissioner, will be prepared with an extra copy to be sent to the supervisor.

INDORSEMENTS OF FINAL-PROOF NOTICES—In letter of December 14 from the Secretary of the Interior to the Secretary of Agriculture it is stated that the necessary instructions to Registers and Receivers would be issued so that notices of final proof in land cases would be sent to the Forest supervisor in triplicate. A copy of this letter was inclosed with "L, Service, Claims" letter of December 19.

When the supervisor receives the notices he will furnish a copy to the ranger or other Forest officer who is to make the report, retain one copy for his files, and return one copy to the Register and Receiver with the proper indorsement, in accordance with instructions in "L, Service, Claims" letter of December 13. The indorsements will be dated and signed by the supervisor or acting supervisor, and the copy of the final-proof notice retained by the supervisor will be completed by entering the indorsement which was used on the copy returned to the Register and Receiver.

Besides the regular indorsements as given in "L, Service, Claims" letter of December 13, the following indorsements will be used when the claim is outside the Forest or within a proposed elimination and no report has been made:

"The land involved is not within the boundaries of a National Forest, and no report will be made by the Forest Service."

"The land involved is located within a proposed elimination from the ——— National Forest, and no report will be made by the Forest Service."

When either of the above indorsements are used by a Forest supervisor one copy will be returned directly to the Register and Receiver and two copies sent to the District Forester. Upon receipt of these copies the District Forester will send one copy to the Chief of Field Division, with the notation, dated and signed by him, that for the reason given in the supervisor's indorsement no report will be transmitted.

INDORSEMENTS OF NOTICES OF APPLICATION FOR MINERAL PATENT—When the Forest supervisor receives from the Register and Receiver copies of the notice of publication of application for mineral patent he will use the same indorsements as in the case of final-proof notices for homestead entry, and will be guided by the instructions outlined in "L, Service, Claims" letter of December 13 and paragraph "Indorsements of Final-Proof Notices" in this letter.

FAILURE TO RECEIVE NOTICES—In cases where the supervisor fails to receive final-proof notice or notice of application for mineral patent at or soon after the beginning of the period of publication, he will report this to the District Forester in order that the latter may, if he considers it advisable, bring it to the attention of the proper Chief of Field Division.

Final-Proof Notices and Requests—

Final-proof notices and requests for report from the Commissioner of the General Land Office on homestead entries under the Act of June 11, 1906, should be returned to the Chief of Field Division indorsed "the Solicitor, Department of Agriculture, holds that Forest Service has not authority to examine and report upon claims of this character."

Modification in Indorsement of Final-Proof Notices—

(Circular Letter of December 13, 1910.)

The change in Claims procedure resulting from the joint order of the Secretary of the Interior and the Secretary of Agriculture, signed November 25, necessitates a slight modification in the indorsement of final-proof notices. The indorsements to be used in the future by supervisors when returning copies of final-proof notices to Registers and Receivers will be either—

(a) "No objection at this time to issuance of final certificate—right in law to future contests not waived should facts develop warranting charges; report submitted (or will be submitted) in due course to the District Forester."

(b) "Protest; report submitted (or will be submitted) in due course to the District Forester."

Copies of final-proof notices must be returned by the Forest supervisors to Registers and Receivers in each case prior to the date advertised for submission of final proof. In the report submitted to the District Forester reference will be made to the notice of final proof, the indorsement made, and the date thereof, which will be the date of the return of the notice to the Register and Receiver.

It is desired that reports be obtained by the supervisor prior to the return of the final proof notice, and supervisors should be instructed to hold the notices whenever possible until reports have been received on the claims, and then to use the proper indorsement and return the notice in sufficient time so that it will reach the Register and Receiver prior to the date of final proof.

In cases where it is impossible for the supervisors to secure a report on the claim during the period of advertising, he should return the notice after he is certain that a report can not be secured before the date of proof, using indorsement (a), unless he has information at hand which would warrant the use of indorsement (b).

It is greatly to be desired that supervisors secure reports promptly, so that cases in which return is made before the supervisor receives report will be very few.

In view of the recent opinion of the Solicitor regarding the status of lands listed under the Act of June 11, it may be necessary to employ a special indorsement for entries of land listed under that Act, and if such change is determined upon, the District Forester will be immediately informed.

Revised Claims Cooperative Agreement—

TO THE COMMISSIONER, CHIEF OF FIELD SERVICE, CHIEFS OF FIELD DIVISION, REGISTERS AND RECEIVERS, GENERAL LAND OFFICE, DEPARTMENT OF THE INTERIOR; THE FORESTER, DISTRICT FORESTERS, FOREST SUPERVISORS, FOREST SERVICE, DEPARTMENT OF AGRICULTURE; THE SOLICITOR AND DISTRICT ASSISTANTS TO THE SOLICITOR, DEPARTMENT OF AGRICULTURE.

GENTLEMEN: To better effectuate cooperation in protecting the interests of the Government and settlers and other claimants to lands within National Forests, the following order is effective, superseding order of June 25, 1910:

1. Forest supervisors will submit all reports made by Forest Officers to the proper District Forester, who will make a careful examination of them.

If the District Forester is of the opinion that no contest should be instituted he will transmit the report directly to the proper Chief of Field Division with an indorsement of "No protest," except that in the case of claims under the mining laws which have not been examined for mineral discovery, the notice of "No protest" will be by letter from the District Forester to the Chief of Field Division, instead of by the transmittal of an indorsed report. Should the Chief of Field Division desire further information he will return the report directly to the District Forester, requesting such additional investigation as may be necessary; or, if he deems it advisable, he will cause an Agent of the General Land Office to make such additional investigation. If the Chief of Field Division is of opinion that no hearing is necessary, he will transmit the report, or the letter of "No protest," to the Commissioner of the General Land Office with his recommendations.

If the District Forester is of opinion that a contest should be instituted he will refer the report to the District Assistant to the Solicitor for examination as to the sufficiency of law and evidence, and if found to be sufficient he will return it to the District Forester with a draft of the charges against the claim to be recommended to the Chief of Field Division. If the District Assistant to the Solicitor is of opinion that additional evidence is necessary, he will call this to the attention of the District Forester, who will order such additional investigation as may be required and will resubmit the report with the additional evidence to the District Assistant to the Solicitor, who, if then satisfied that a contest should be instituted, will pursue the course outlined above. When the final report, with the draft of charges to be recommended to the Chief of Field Division, is returned to the District Forester by the District Assistant to the Solicitor, the District Forester will transmit it directly to the Chief of Field Division with a recommendation that a contest be instituted upon the charges indicated. If the District Assistant to the Solicitor, after full review of the final report, is of opinion that a contest should not be instituted, he will so advise the District Forester, and if the latter is still of opinion that a contest should be instituted, the papers in the case will be referred to the Forester for consultation with the Solicitor

and, if need be, for submission to the Secretary of Agriculture, and, after decision, the papers will be returned by the Forester to the District Forester with notice of decision and appropriate instructions. Should the Chief of Field Division find the report, in his opinion, insufficient to warrant adverse proceedings, he will return it directly to the District Forester, requesting such additional investigation as may be necessary; or, if he deems it advisable, he will cause an Agent of the General Land Office to make such additional investigation. If, after receipt of the complete report, the Chief of Field Division is of opinion that adverse proceedings should be ordered, he will transmit the report, together with the District Forester's letter of recommendations, to the Commissioner of the General Land Office with a letter of transmittal recommending the ordering of a hearing before the Register and Receiver upon the charges suggested by him and noted in his letter of transmittal. If, after receipt of complete report from the District Forester recommending adverse proceedings, the Chief of Field Division is of opinion that a hearing is unwarranted, he will transmit the report, the District Forester's letter of recommendations, and his own recommendations to the Commissioner of the General Land Office for decision. Should the Commissioner of the General Land Office approve the recommendations of the Chief of Field Division, he will notify the Solicitor of the Department of Agriculture.

2. Upon order or application for hearings upon reports covering lands or claims within a National Forest the Register and Receiver will send duplicate notices thereof to the Chief of Field Division and the proper District Assistant to the Solicitor. Before setting date for the hearing in any such case the Chief of Field Division will confer with the proper District Assistant to the Solicitor and thereupon suggest to the Register and Receiver a date for hearing and the names of witnesses to be subpoenaed upon behalf of the Government. In the event the Chief of Field Division and the District Assistant to the Solicitor are unable to agree as to the date of hearing, the matter will be referred by the Chief of Field Division to the Commissioner of the General Land Office, who will issue the necessary directions.

3. In all hearings affecting lands or claims within a National Forest the Chief of Field Division or a Special Agent of the General Land Office and the District Assistant to the Solicitor, will be entered of record as appearing on behalf of the Government. The Chief of Field Division or Special Agent of the General Land Office, acting as attorney for the Government in any such case, will control the Government's side of the case in any matter as to which counsel are unable to agree, subject to any direction that may be given by the Commissioner of the General Land Office, in case the matters of difference are of such importance as to be presented to him for action.

4. In all Government cases before Registers and Receivers involving lands or claims within a National Forest the Chief of Field Division and the District Assistant to the Solicitor shall each be served with notice of all appeals, motions, orders, and decisions required to be noted under the rules in cases of private contests. The proper Law Officers of the Department of Agriculture shall also have a right of appeal from any decision by the Commissioner of the General Land Office and to file motion for review in the Department, or to take other like action in the same manner as a private contestant, and shall receive like notices of proceedings and decisions: *Pro-*

vided, however, That the Department of Agriculture shall not be required to take formal appeals from decisions of Registers and Receivers.

5. Costs incident to hearings before Registers and Receivers in Government cases involving lands or claims within a National Forest will be paid under rules now in force. Expenses incident to appeals will be paid by the Department of Agriculture; except that, where feasible, Chiefs of Field Division may give aid in office work in preparation of papers, briefs, etc.

Very respectfully,

(Signed)

R. A. BALLINGER,
Secretary of the Interior.

(Signed)

JAMES WILSON,
Secretary of Agriculture.

WASHINGTON, D. C., November 25, 1910.

Lands Reconveyed to the United States Under a Lieu Selection—

On October 15, 1910, the Secretary of the Interior held, in the case of Otto Liebel, List 5-438, Sequoia National Forest, which involved lands reconveyed under a lieu selection of unsurveyed lands, that the listed land could not at this time be opened to entry because, although the lieu selection had been approved for patent by the Commissioner of the General Land Office, it has not yet been patented to the selector, the selected lands being still unsurveyed. Until the selection is patented, the reconveyed lands are not subject to disposal. This ruling was based on the decision of April 21, 1910, by the Interior Department in the case of Rosa Rupp, Seattle. 0711.

Correspondence with Other Bureaus—

The Secretary of Agriculture on December 17 authorized the Forester, and under his instructions the District Foresters, to reply directly to chiefs of other bureaus and to initiate correspondence with them in regard to purely routine matters that are not legal in character modifying accordingly the instructions in the January, 1909, Field Program, pages 218 and 219. By letter (AF-Supervision) of December 19, District Foresters were instructed to prepare all such correspondence for the signature of the Forester, unless at some future time they are specifically authorized by the Forester to sign certain classes of correspondence with other bureaus.

SERVICE PUBLICATIONS ISSUED IN OCTOBER, NOVEMBER, AND DECEMBER.

Bulletin 36—The Woodsman's Handbook (enlarged and revised).

Bulletin 83—The Forest Resources of the World.

Circular 89—Tamarack (revised).

Circular 179—Utilization of California Eucalypts.

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